

TDMS No. 20201 - 02

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: MICE/TG.AC HEMI

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC
LESIONS ABRIDGED) (a)**

TEF TRANSGENICS (PCB 126)

CAS Number: 57465-28-8

Date Report Reqsted: 06/14/2006

Time Report Reqsted: 15:08:25

First Dose M/F: NA / 04/21/03

Lab: BAT

C Number: C20201B

Lock Date: 07/24/2004

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include ALL

Test Type: 26-WEEK

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TGAC (FVB/N) HEMIZYGOUS MICE FEMALE	0 NG/KG	360 NG/KG	1210 NG/KG	3600 NG/KG	7600 NG/KG
Disposition Summary					
Animals Initially in Study	20	20	20	20	20
Early Deaths					
Moribund Sacrifice	1	3	3	2	1
Natural Death	2	3	5	2	1
Survivors					
Natural Death		1			
Terminal Sacrifice	17	13	12	16	18
Animals Examined Microscopically	20	20	20	20	20
ALIMENTARY SYSTEM					
Gallbladder	(0)	(0)	(1)	(0)	(0)
Liver	(20)	(20)	(20)	(20)	(20)
Mesentery	(1)	(0)	(0)	(2)	(0)
Pancreas	(0)	(0)	(0)	(1)	(0)
Salivary Glands	(1)	(0)	(0)	(0)	(1)
Squamous Cell Carcinoma	1 (100%)				1 (100%)
Stomach, Forestomach	(6)	(3)	(2)	(7)	(7)
Squamous Cell Papilloma	4 (67%)	1 (33%)	2 (100%)	7 (100%)	5 (71%)
Squamous Cell Papilloma, Multiple	1 (17%)	2 (67%)			2 (29%)
Stomach, Glandular	(1)	(0)	(0)	(0)	(0)
Tooth	(6)	(3)	(6)	(2)	(4)
Odontogenic Tumor	5 (83%)	3 (100%)	6 (100%)	2 (100%)	4 (100%)
Odontogenic Tumor, Multiple	1 (17%)				
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
None					
GENERAL BODY SYSTEM					

a - Number of animals examined microscopically at site and number of animals with lesion

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None					
GENITAL SYSTEM					
Ovary	(1)	(1)	(0)	(0)	(0)
Teratoma Benign		1 (100%)			
Uterus	(0)	(0)	(0)	(1)	(0)
HEMATOPOIETIC SYSTEM					
Lymph Node	(0)	(1)	(0)	(0)	(0)
Lymph Node, Mandibular	(0)	(3)	(0)	(0)	(1)
Lymph Node, Mesenteric	(1)	(1)	(0)	(0)	(0)
Spleen	(20)	(20)	(20)	(20)	(20)
Thymus	(20)	(19)	(19)	(20)	(20)
INTEGUMENTARY SYSTEM					
Skin	(4)	(5)	(5)	(5)	(6)
Keratoacanthoma, Multiple		1 (20%)			
Squamous Cell Papilloma		3 (60%)		4 (80%)	2 (33%)
Squamous Cell Papilloma, Multiple		1 (20%)	2 (40%)	1 (20%)	
Skin, Control Dermis	(20)	(20)	(20)	(20)	(20)
Skin, Control Epidermis	(20)	(20)	(20)	(20)	(20)
Skin, Site Of Application	(20)	(20)	(20)	(20)	(20)
Keratoacanthoma				1 (5%)	
Squamous Cell Carcinoma				3 (15%)	9 (45%)
Squamous Cell Carcinoma, Multiple				3 (15%)	5 (25%)
Squamous Cell Papilloma	1 (5%)		4 (20%)	2 (10%)	
Squamous Cell Papilloma, Multiple			1 (5%)	15 (75%)	20 (100%)
Skin, Soa No Mass	(20)	(20)	(20)	(19)	(16)
MUSCULOSKELETAL SYSTEM					
None					
NERVOUS SYSTEM					

a - Number of animals examined microscopically at site and number of animals with lesion

TGAC (FVB/N) HEMIZYGOUS MICE FEMALE	0 NG/KG	360 NG/KG	1210 NG/KG	3600 NG/KG	7600 NG/KG
Brain	(0)	(0)	(1)	(0)	(0)
RESPIRATORY SYSTEM					
Lung Alveolar/Bronchiolar Adenoma	(20) 1 (5%)	(20)	(20)	(20)	(20)
SPECIAL SENSES SYSTEM					
Eye	(0)	(0)	(1)	(0)	(0)
URINARY SYSTEM					
Kidney	(0)	(0)	(1)	(0)	(0)
SYSTEMIC LESIONS					
Multiple Organs Leukemia Erythrocytic Lymphoma Malignant	*(20) 1 (5%)	*(20) 1 (5%) 1 (5%)	*(20) 2 (10%)	*(20) 1 (5%)	*(20)

a - Number of animals examined microscopically at site and number of animals with lesion

* Number of animals with any tissue examined microscopically

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TGAC (FVB/N) HEMIZYGOUS MICE FEMALE	0 NG/KG	360 NG/KG	1210 NG/KG	3600 NG/KG	7600 NG/KG
Tumor Summary for Females					
Total Animals with Primary Neoplasms (b)	11	12	12	18	20
Total Primary Neoplasms	15	14	17	39	48
Total Animals with Benign Neoplasms	6	7	8	17	20
Total Benign Neoplasms	7	9	9	30	29
Total Animals with Malignant Neoplasms	2	2	2	7	14
Total Malignant Neoplasms	2	2	2	7	15
Total Animals with Metastatic Neoplasms					
Total Metastatic Neoplasms					
Total Animals with Malignant Neoplasms Uncertain Primary Site					
Total Animals with Neoplasms Uncertain-Benign or Malignant	6	3	6	2	4
Total Uncertain Neoplasms	6	3	6	2	4

*** END OF REPORT ***

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

Control data contained within this report was collected on study 20201-01